09/652,376

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Dec 17	The CA Lexicon available in the CAPLUS and CA files
NEWS	3	Feb 06	Engineering Information Encompass files have new names
NEWS	4	Feb 16	TOXLINE no longer being updated
NEWS	5	Apr 23	Search Derwent WPINDEX by chemical structure
NEWS	6	Apr 23	PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS	7	May 07	DGENE Reload
NEWS	8	Jun 20	Published patent applications (A1) are now in USPATFULL
NEWS	9	JUL 13	New SDI alert frequency now available in Derwent's DWPI and DPCI

NEWS EXPRESS	July 11 CURRENT WINDOWS VERSION IS V6.0b, CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP), AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2001
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
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Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:34:50 ON 30 JUL 2001

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 09:34:55 ON 30 JUL 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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09/652,376

STRUCTURE FILE UPDATES: 29 JUL 2001 HIGHEST RN 349446-89-5
DICTIONARY FILE UPDATES: 29 JUL 2001 HIGHEST RN 349446-89-5

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT for details.

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading c:\stnexp4\queries\09652376.str

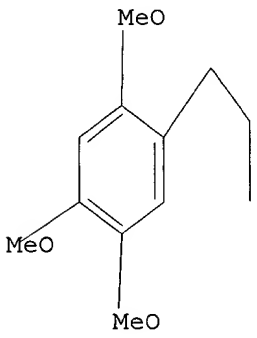
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.
L2 QUE L1

=> s l2

SAMPLE SEARCH INITIATED 09:35:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 446 TO ITERATE

100.0% PROCESSED 446 ITERATIONS 23 ANSWERS
SEARCH TIME: 00.00.01

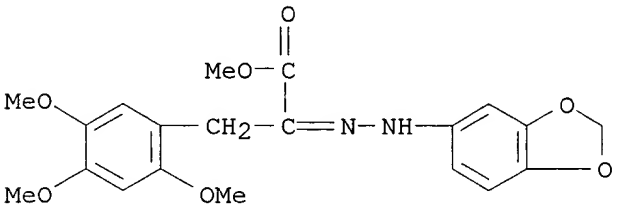
FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
PROJECTED ITERATIONS: 7654 TO 10186
PROJECTED ANSWERS: 173 TO 747

L3 23 SEA SSS SAM L1

=> d scan

L3 23 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN Benzenepropanoic acid, .alpha.-(1,3-benzodioxol-5-ylhydrazono)-2,4,5-trimethoxy-, methyl ester (9CI)
MF C20 H22 N2 O7



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l2 full css

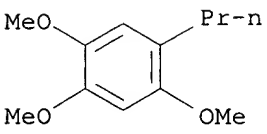
FULL SEARCH INITIATED 09:35:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9102 TO ITERATE

100.0% PROCESSED 9102 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L4 1 SEA CSS FUL L1

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 6906-65-6 REGISTRY
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1,2,4-Trimethoxy-5-propylbenzene
CN Dihydroasarone
FS 3D CONCORD
MF C12 H18 O3
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXLINE, TOXLIT
(*File contains numerically searchable property data)



5 REFERENCES IN FILE CA (1967 TO DATE)
5 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus caold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	135.37	135.52

FILE 'CAPLUS' ENTERED AT 09:36:22 ON 30 JUL 2001
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FILE 'CAOLD' ENTERED AT 09:36:22 ON 30 JUL 2001
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

=> s l4

L5 6 L4

=> d 1-6 bib ab hitstr

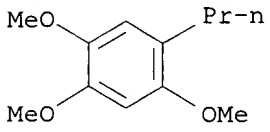
L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1995:740149 CAPLUS
DN 123:187711
TI Studies on crude drugs effective on visural larva migrans. XVI. Mobility inhibition and nematocidal activity of asarone and related phenylpropanoids on second-stage larvae of Toxocara canis
AU Sugimoto, Naoki; Goto, Yoshihisa; Akao, Nobuaki; Kiuchi, Fumiyuki; Kondo, Kaoru; Tsuda, Yoshisuke
CS Sch. Med., Kanazawa Univ., Kanazawa, 920, Japan
SO Biol. Pharm. Bull. (1995), 18(4), 605-9
CODEN: BPBLEO; ISSN: 0918-6158
DT Journal
LA English
AB The in vitro effect of asarone, the nematocidal principle of the rhizome of Acorus calamus, on second-stage larvae of Toxocara canis is composed of two independent actions: one is a fast acting inhibition of the larval mobility and the other is a slow acting larvicidal action. Mobility of the larvae was rapidly inhibited when they were incubated with asarone. Dye exclusion assay revealed that larvae were alive at this stage, and their mobility was restored after the first inhibition, suggesting that this effect was temporary and reversible. However, when the mobility

QP501.B56
F12

decreased again during prolonged incubation, the cellular viability of larvae disappeared, showing that they were killed by the compd. The above two-stage effect of asarone was almost identical in two geometrical isomers ((E)- and (Z)-asarone). Di- and tri-methoxypropenyl or propylbenzenes carrying two methoxy groups at a vicinal position on a benzene ring showed, more a less, a two-stage effect of this type. These two actions were suggested to be separable by an appropriate modification of the structure.

IT **6906-65-6**
RL: BAC (Biological activity or effector, except adverse); PRP (Properties); BIOL (Biological study)
(studies on crude drugs effective on visural larva migrans. XVI. Mobility inhibition and nematocidal activity of asarone and related phenylpropanoids on second-stage larvae of Toxocara canis)

RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



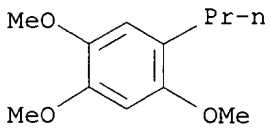
L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1990:138847 CAPLUS
DN 112:138847
TI Potential antipsychotic agents. 5. Synthesis and antidopaminergic properties of substituted 5,6-dimethoxysalicylamides and related compounds
AU Hoegberg, Thomas; Bengtsson, Stefan; De Paulis, Tomas; Johansson, Lars; Stroem, Peter; Hall, Haakan; Oegren, Sven Ove
CS CNS Res. Dev., Astra Res. Cent. AB, Soedertaelje, S-151 85, Swed.
SO J. Med. Chem. (1990), 33(4), 1155-63
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 112:138847
AB A series of 3-substituted 5,6-dimethoxysalicylamides (I) have been synthesized from the corresponding 2,5,6-trimethoxybenzoic acids. Relaxation times T1 and carbon chem. shifts of the methoxy groups in I showed that the 6-methoxy group adopts a nearly perpendicular orientation and the 5-methoxy group takes on a more coplanar orientation with respect to the ring plane in soln. The salicylamides I display a very high and stereoselective affinity for the [3H]spiperone and [3H]raclopride binding sites in vitro. Regioisomers of salicylamides I also exhibit pronounced, but lower than I, affinity for the [3H]spiperone binding site. The structural requirements were further assessed by studies of the related amino analogs and hydroxy analog. 3-Bromo compd. II (FLB 463) was studied in various in vivo models and compared with the dopamine-D2 antagonists sulpiride, raclopride, eticlopride, and haloperidol. The high potency of I to selectively block dopamine-D2 receptors in vitro and in vivo combined with indications on a low potential for motor side effects makes it a very

interesting new member of the class of substituted salicylamides.

IT **6906-65-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and carboxylation of)

RN 6906-65-6 CAPLUS

CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS

AN 1983:517832 CAPLUS

DN 99:117832

TI Repellency and toxicity of 55 insect repellents to red-winged blackbirds (Agelaius phoeniceus)

AU Schafer, E. W., Jr.; Jacobson, M.

CS Denver Wildl. Res. Cent., USFWS, Denver, CO, 80225, USA

SO J. Environ. Sci. Health, Part A (1983), A18(4), 493-502
CODEN: JESEDU; ISSN: 0360-1226

TD1.J665

DT Journal

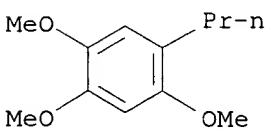
LA English

AB A joint research program was initiated in 1979 to investigate the potential avian repellency and toxicity of 55 selected insect repellents originating from or related to naturally occurring chems. Seven of the chems. or exts. tested exhibited avian repellency and 2 of these were considered to be moderately active, with 50% avian repellency concns. of 0.237 (trans-asarone [2883-98-9]) and 0.240% (safrole [94-59-7]). None of the 55 chem. or exts. exhibited acute oral toxicity at .ltoreq.100 mg/kg to the red-winged blackbird (Agelaius phoeniceus).

IT **6906-65-6**
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(repellency and toxicity of, to red-winged blackbirds)

RN 6906-65-6 CAPLUS

CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS

AN 1982:100901 CAPLUS

DN 96:100901

TI Constituents of Acorus calamus: structure of acoramone. Carbon-13 NMR spectra of cis- and trans-asarone

AU Patra, Amarendra; Mitra, Alok K.

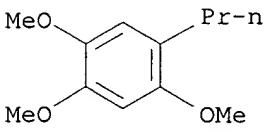
CS Dep. Chem., Univ. Coll. Sci., Calcutta, 700009, India

SO J. Nat. Prod. (1981), 44(6), 668-9
CODEN: JNPRDF; ISSN: 0163-3864

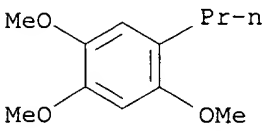
QH1.L94

ILL

DT Journal
LA English
AB The phenylpropane derivs. isoeugenol Me ether, .gamma.-asarone, cis-asarone, trans-asarone, and the new natural product acoramone (I) were isolated along with asarylaldehyde from the oil of A. calamus. The 13C-NMR signal assignments of cis- and trans-asarone and their dihydroderivative are also reported.
IT **6906-65-6**
RL: BOC (Biological occurrence); BIOL (Biological study); OCCU (Occurrence)
(of Acorus calamus)
RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



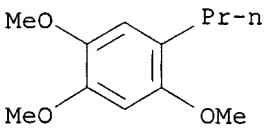
L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1969:31614 CAPLUS
DN 70:31614
TI Isolation of 2,4,5-trimethoxyallylbenzene from Caesulia axillaries oil
AU Devgan, O. N.; Bokadia, M. M.
CS Southern Illinois Univ., Carbondale, Ill., USA
SO Aust. J. Chem. (1968), 21(12), 3001-3
CODEN: AJCHAS
DT Journal
LA English
AB The phenolic ether obtained from the essential oil of C. axillaries has been shown to be 2,4,5-trimethoxyallyl-benzene, on the basis of chem. and spectroscopic evidence. It has tentatively been named as .gamma.-asarone.
IT **6906-65-6P**
RL: PREP (Preparation)
(from Caesulia axillaris oil)
RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



L5 ANSWER 6 OF 6 CAOLD COPYRIGHT 2001 ACS
AN CA65:8851d CAOLD
TI oxa compds. - (VI)
AU El'tsov, A. V.; Minkin, V. I.; Tsereteli, I. Yu.
IT **6906-65-6**
RN 6906-65-6 CAOLD

09/652,376

CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



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FULL ESTIMATED COST	24.04	159.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.94	-2.94

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 12	Aug 23	Adis Newsletters (ADISNEWS) now available on STN
NEWS 13	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH

NEWS EXPRESS	August 15 CURRENT WINDOWS VERSION IS V6.0c, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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